

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/NO 2004/000195

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H04J 14/06, H04Q 11/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H04J, H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0794684 A1 (KONINKLIJKE PTT NEDERLAND N V), 27 February 1997 (27.02.1997), claims 1-5, abstract	1,2,4-23
Y	---	3
Y	US 20030048506 A1 (HANDELMAN, D), 13 March 2003 (13.03.2003), claim 20	3
A	US 6459827 B1 (HAIT, J H), 1 October 2002 (01.10.2002), abstract	1-23
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 Further documents are listed in the continuation of Box C. See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;" document member of the same patent family

Date of the actual completion of the international search

10 November 2004

Date of mailing of the international search report

11-11-2004

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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5946116 A (WU,K-Y ET AL), 31 August 1999 (31.08.1999), abstract -- -----	1-23

## INTERNATIONAL SEARCH REPORT

Information on patent family members

01/10/2004

International application No.

PCT/NO 2004/000195

EP	0794684	A1	27/02/1997	NL	1002544	C	09/09/1997
				NL	1005263	C	00/00/0000
				US	5900957	A	04/05/1999

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US	20030048506	A1	13/03/2003	US	20030043430	A	06/03/2003
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US	6459827	B1	01/10/2002	NONE			
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US	5946116	A	31/08/1999	AU	8655998	A	11/11/1998
				CA	2286342	A	22/10/1998
				CN	1259247	T	05/07/2000
				EP	0972225	A	19/01/2000
				JP	2001519052	T	16/10/2001
				US	6049404	A	11/04/2000
				US	6275312	B	14/08/2001
				US	6452702	B	17/09/2002
				US	6519022	B	11/02/2003
				WO	9847040	A	22/10/1998

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